

# Papaya Plant Cultivation

MAATI TATVA AGRO INDUSTRIES PVT LTD.

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# पपीता की व्यवसायिक स्तर पर खेती

## Introduction:



**G**rown as per tissue culture procedures, Seeding Papaya Plant is offered by us to our valued customers. In the process, we procure plant tissue from a healthy mother plant and expose it to a specified regimen of nutrients, hormones, and light under sterile conditions. This methodology ensures healthier plantlets that are characterized by optimum growth rate.

Variety: Thaiwan Red Lady 786

#### **Usage:**

Papayas contain an enzyme called papain that aids digestion; in fact, it can be used as a meat tenderizer. Papaya is also high in fiber and water content, both of which help to prevent constipation and promote regularity and a healthy digestive tract. Papaya consuming the antioxidant beta-carotene, found in papayas, may reduce cancer risk.

#### **Cultivation:**

**P**apaya is basically a tropical plant however is also grows well in sub-tropical parts.

Those feet hills which taken a mild winter are ideal for papaya cultivation low temperature and frost limit. Cultivation in higher altitudes. It can be a grown from the sea level to an altitude of 100 meters but above an altitude of 600 meters.



Popularly known as 'Thaiwan Red Lady 786' and is cultivated for table as well as processing purpose. The variety bears greenish-yellow oblong-shaped fruits with orange thick flesh and good flavor. The variety can be maintained pure by growing in isolation. Due to its excellent fruit quality it fetches good market value.

**Species:** 

Papaya grows well on many types of soil, but they must be adequately drained. Restricted soil drainage promotes root diseases. Most commercial production in Hawaii is on porous as lava. Production on other soil types is limited to low rainfall areas where restricted drainage is less likely to cause problems. Heavy clay and pahoehoe lava soils should be avoided. Soil pH near neutral (pH 6.0 to 7.0) is preferred.

#### **Marketing:**

India is world's largest producer of this fruit. The largest Papaya producing states include Andhra Pradesh, Gujarat, Karnataka, West Bengal, and Madhya Pradesh & Maharashtra. Three notable varieties of Papaya in India include Pusa Delicious, Pusa Dwarf and Pusa Nanha. . Our company also provides the facility of Buy Back agreement.

#### **Harvesting:**



Papaya plants tend to over bear. Fruits are so crowded that they do not get proper space for development. Fruit thinning should be done to get well sized fruits. Proper size is attained in 10 months of flowering. Near ripening fruits change colour from green to yellowish green. Fruits should be harvested at maturity.

**Economics Of One Acre Papaya Cultivation:** 

#### **Expenditure:**

Distance	Sapling	Cost (per	Total	Other expenses	Cost of		
(in acre)	(in land)	plant)		(as per require- ment)	cultivation		
9X5 ft	1000	35 rs.	1000X35 =	Fertilizers	35,000 /-		
			35,000 /-	Land preparation Labor expenses etc.			
Total Cost Of Cultivation: 35,000/-							

### Income:

Income of year	From each plant	Total	Company buy-	Total			
			back				
Year 1 and ½	80 kg	1000X80 =	10 rs. kg	80000X10 =			
(One and half		80,000 kg		8,00,000 /-			
year)							
Total Income: 8,00,000/-							

# Technical Support & Services:

**W**e also provide technical support for farming. Our Service Department with technically qualified staff provide after sales service and farmers' advisory services to our customers to get better plant establishment and faster growth of Herbal and Horticultural plantations.

We have largest network of employees who deliver Plants to customers at their door steps. Free technical services to customers on planting method, management practices and plant protection measures. Our teams of Agricultural Experts periodically visits and supervise the plantations and suggest necessary guidelines to get better growth and higher returns. The income &

expenditure indicated by the company is an approximate figure, as it also depends on the nature and hard work of the farmer.

#### Services:

- 1. This includes Supervision, consultancy, guidance, Transportation cost first year.
- 2. First production starts after 10<sup>th</sup>-18<sup>th</sup> months.
- 3. Buy back agreement of Papaya.
- 4. The income expenditure indicated by the company is an approximated figure, as it also depends on the nature and hard work of the farmer.

# Terms And Conditions Of Company:

- 1. For 1 Acre plantation the cost of Plants is Rs. 35,000/-, out of which 50% i.e. Rs. 17,500/- has to be paid before the cultivation and the remaining half after the planting is done.
- 2. The Buy Back Agreement Stamp paper of Rs.100/- has to be stamped by District Court of your area.
- 3. For 10 Acre or more yield the buy Back Agreement Stamp Paper will be of Rs.500/-.

#### For More Information Contact Us:



#### MAATITATVA AGRO INDUSTRIES PVT. LTD.

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